Jusur. Iil.

CONTENTS OF VOLUME XIII

ARTICLES

Anderson, Paul H. Distributions in Stratified Sampling	42
Anderson, R. L. Distribution of the Serial Correlation Coefficient	1
Battin, I. L. On the Problem of Multiple Matching.	294
Bernstein, S. (Translated by Emma Lehmer), Solution of a Mathe-	
matical Problem Connected with the Theory of Heredity	53
	215
CAMP, BURTON H. Some Recent Advances in Mathematical Statistics, I	62
CHUNG, KAI-LAI. On Mutually Favorable Events	338
CRAIG, C. C. Some Recent Advances in Mathematical Statistics, II	74 .
DWYER, P. S. Grouping Methods	138
Geiringer, Hilda. Observations on Analysis of Variance Theory	350
HART, B. I., AND VON NEUMANN, JOHN. Tabulation of the Probabilities	
for the Ratio of the Mean Square Successive Difference to the Variance.	207
HASEL, A. A. Estimation of Volume in Timber Stands by Strip Sampling.	179
KIMBALL, BRADFORD F. Limited Type of Primary Probability Distri-	
bution Applied to Annual Flood Flows	318
KOOPMANS, TJALLING. Serial Correlation and Quadratic Forms in Normal	
Variables	14
Lonseth, A. T. Systems of Linear Equations with Coefficients Subject	
to Error	332
LOTKA, ALFRED J. The Progeny of an Entire Population	115
Mann, H. B., and Wald, A. On the Choice of the Number of Intervals	
in the Application of the Chi Square Test	306
Samuelson, P. A. A Method of Determining Explicitly the Coefficients	
of the Characteristic Equation	424
Satterthwaite, Franklin E. A Generalized Analysis of Variance	34
Satterthwaite, Franklin E. Linear Restrictions on Chi-Square	326
Satterthwaite, Franklin E. Generalized Poisson Distribution	410
Scheffé, Henry. On the Theory of Testing Composite Hypotheses with	
One Constraint	280
Scheffé, Henry. On the Ratio of the Variances of Two Normal Popu-	
lations	
STEPHAN, FREDERICK F. An Iterative Method of Adjusting Sample Fre-	
quency Tables when Expected Marginal Tables are Known	166
von Mises, R. On the Correct Use of Bayes' Formula	
VON NEUMANN, JOHN AND HART, B. I. Tabulation of the Probabilities	
for the Ratio of the Mean Square Successive Difference to the Vari-	
ance	207

Wald, Abraham. Asymptotically Shortest Confidence Intervals Wald, A. A., and Mann, H. B. On the Choice of the Number of Inter-	127
vals in the Application of the Chi Square Test	306
Large	389
of Tolerance Limits	400
Wolfowitz, J. Additive Partition Functions and a Class of Statistical Hypotheses	247
Notes	
Beckenbach, E. F. Convexity Properties of Generalized Mean Value	
Functions	88
BIRNBAUM, Z. W. An Inequality for Mills' Ratio	245
Curtiss, J. H. A Note on the Theory of Moment Generating Functions	430
DIEULEFAIT, CARLOS E. Note on a Method of Sampling	94
FISCHER, CARL H. A Sequence of Discrete Variables Exhibiting Correla-	
tion Due to Common Elements	97
GEIRINGER, HILDA. A Note on the Probability of Arbitrary Events	238
GIRSHICK, M. A. Note on the Distribution of Roots of a Polynomial with	
Random Complex Coefficients	
Girshick, M. A. A Correction	
sive Difference to the Variance	445
Lukacs, Eugene. A Characterization of the Normal Distribution	
Mann, Henry B. The Construction of Orthogonal Latin Squares	
Paulson, Edward. An Approximate Normalization of the Analysis of	
Variance Distribution	
Paulson, Edward. A Note on the Estimation of Some Mean Values for	
a Bivariate Distribution	
VON NEUMANN, JOHN. A Further Remark Concerning the Distribution of	
the Ratio of the Mean Square Successive Difference to the Vari-	
ance	86
Wald, Abraham. On the Power Function of the Analysis of Variance	,
Test	
34	
Miscellaneous	
Abstracts of Papers	, 450
Annual Report of the Secretary-Treasurer of the Institute	
Report of the Dallas Meeting of the Institute	
Report of the New York Meeting of the Institute	
Report of the Poughkeepsie Meeting of the Institute	
Directory of the Institute	454

